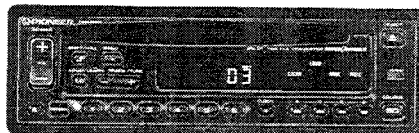


Service Manual

PIONEER
The Art of Entertainment

• DEH-880/UC



ORDER NO.
CRT1454

HIGH-POWER COMPACT DISC PLAYER WITH FM/AM TUNER

DEH-880

UC

HIGH-POWER COMPACT DISC PLAYER WITH RDS TUNER

DEH-880RDS

EW

HIGH-POWER COMPACT DISC PLAYER WITH FM/MW/LW TUNER

DEH-890

EW

COMPACT
disc
DIGITAL AUDIO

- This additional service manual is designed to be used together with Model DEH-M980/UC Service Manual (CRT1450). Refer to it for finding parts numbers, adjustment and circuit description, etc. which are not shown in this manual.

| Refer to Service Manual DEH-M980/UC (CRT1450) | |
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1. ELECTRICAL PARTS LIST

NOTE:

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/□S□□□□J, RS1/□□S□□□□J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

Unit Number : CWE1238

Unit Name : FM/AM Unit (DEH-880RDS/EW)

MISCELLANEOUS

| ====Circuit | Symbol & No. Part | Name===== | Part No. |
|----------------|----------------------------|-----------|----------|
| IC 51 | | | PA4012B |
| IC 201 | | | PA4018 |
| Q 1 2 | | | DTC124EU |
| Q 3 71 101 123 | | | 2SC4116 |
| Q 51 | | | DTA114TU |
| Q 121 | | | IMZ1 |
| Q 122 | | | FMS1 |
| Q 201 | | | FC12 |
| Q 203 205 | | | DTC124EU |
| Q 241 | | | 2SC2712 |
| D 51 | | | MA143-MC |
| D 201 204 | | | MA157-MR |
| D 205 | | | SVC203CP |
| L 1 51 | Inductor | | LYS150K |
| L 2 | Inductor | | LPSQR22K |
| L 71 | Inductor | | LPSQ3R9K |
| L 101 | Inductor | | CTF1126 |
| L 201 | Coil | | CTB1068 |
| L 202 | Coil | | CTB1082 |
| L 203 | | | LPSQ220K |
| L 204 | Inductor | | CTF1199 |
| L 205 | Inductor | | CTF1198 |
| L 206 | Inductor | | CTF1197 |
| L 207 | Inductor | | CTF1115 |
| T 51 | Coil | | CTE1062 |
| T 52 | Coil | | CTE1063 |
| T 71 | Coil | | CTE1058 |
| T 203 | Coil | | CTB1076 |
| T 204 | Coil | | CTE1059 |
| T 205 | Coil | | CTE1060 |
| T 206 | Coil | | CTE1061 |
| TH 51 102 | Thermister (DTN-T204D154K) | | GGF-928 |
| CF 52 53 | Ceramic Filter | | CTF1193 |
| CF 201 | Ceramic Filter | | CTF1192 |
| CF 202 | Ceramic Filter | | CTF1191 |
| X 151 | Ceramic Resonator | | CSS1085 |
| X 201 | Crystal Resonator | | CSS1014 |
| VR 1 | Semi-fixed 2.2kΩ (B) | | CCP1015 |
| VR 51 101 102 | Semi-fixed 33kΩ (B) | | CCP1022 |
| SP 1 | Surge Protector | | DSP-201M |
| | FM Front End | | CWB1064 |

RESISTORS

| | | |
|------------|--|-------------|
| R 1 202 | | RS1/10S681J |
| R 2 | | RS1/16S101J |
| R 3 | | RS1/16S333J |
| R 4 75 107 | | RS1/16S102J |
| R 5 6 54 | | RS1/16S472J |

| ====Circuit | Symbol & No. Part | Name===== | Part No. |
|---------------|-------------------|-----------|-------------|
| R 7 | | | RS1/16S560J |
| R 8 | | | RS1/16S0R0J |
| R 9 | | | RS1/16S0R0J |
| R 56 | | | RS1/16S822J |
| R 57 | | | RS1/16S472J |
| R 58 | | | RS1/16S563J |
| R 59 | | | RS1/16S331J |
| R 60 | | | RS1/16S473J |
| R 61 105 | | | RS1/16S332J |
| R 64 151 152 | | | RS1/16S222J |
| R 65 | | | RS1/16S273J |
| R 66 | | | RS1/16S103J |
| R 72 | | | RS1/16S123J |
| R 73 124 126 | | | RS1/16S103J |
| R 74 | | | RS1/16S331J |
| R 76 | | | RS1/16S221J |
| R 101 | | | RS1/10S331J |
| R 102 | | | RS1/16S472J |
| R 106 128 | | | RS1/16S683J |
| R 108 122 | | | RS1/16S104J |
| R 111 | | | RS1/10S123J |
| R 112 | | | RS1/16S684J |
| R 121 | | | RS1/10S683J |
| R 123 | | | RS1/16S683J |
| R 125 | | | RS1/16S154J |
| R 127 | | | RS1/16S683J |
| R 129 | | | RS1/16S473J |
| R 153 | | | RS1/16S222J |
| R 201 | | | RS1/16S220J |
| R 203 206 | | | RS1/16S222J |
| R 204 213 | | | RS1/16S473J |
| R 205 209 | | | RS1/16S470J |
| R 207 | | | RS1/16S822J |
| R 208 212 | | | RS1/10S103J |
| R 210 | | | RS1/10S682J |
| R 211 241 242 | | | RS1/16S103J |
| R 214 | | | RS1/16S182J |
| R 243 | | | RS1/10S181J |
| R 244 | | | RS1/16S561J |

CAPACITORS

| | | |
|--------------|--|--------------|
| C 1 111 | | CEV100M16 |
| C 2 51 59 74 | | CKSRYF473K25 |
| C 3 | | CCSRCH270J50 |
| C 4 55 | | CKSRYB102K50 |
| C 5 | | CKSRYB472K50 |
| C 52 53 61 | | CKSRYB223K25 |
| C 54 | | CCSRSL101J50 |
| C 56 | | CKSRYF104J25 |
| C 57 | | CSZSR22M35 |
| C 58 | | CCSRCH060J50 |

| ====Circuit Symbol & No. Part | Name===== | Part No. |
|-------------------------------|-----------|--------------|
| C 60 | | CEVNP100M25 |
| C 72 73 241 | | CKSRYB103K25 |
| C 75 | | CKSRYF103Z50 |
| C 101 | | CKSRYB822K25 |
| C 102 | | CKSRYB682K25 |
| C 103 | | CKSRYB272K50 |
| C 105 | | CSZS2R2M10 |
| C 106 | | CEVR47M50 |
| C 107 108 | | CKSRYB222K50 |
| C 110 | | CEVR22M50 |
| C 112 | | CKSYB104K25 |
| C 121 | | CEV4R7M35 |
| C 122 | | CKSRYB471K50 |
| C 123 | | CSZS0R1M35 |
| C 151 152 | | CKSRYB273K16 |
| C 153 | | CSZSR47M20 |
| C 154 155 | | CEV3R3M50 |
| C 156 | | CSZS3R3M10 |
| C 157 | | CEV101M10 |
| C 158 | | CKSRYF473Z25 |
| C 201 | | CKSRYB103K25 |
| C 202 212 | | CKSRYB332K50 |
| C 203 215 219 | | CKSRYF473Z25 |
| C 204 208 | | CKSRYB223K25 |
| C 205 | | CCSRCH220J50 |
| C 206 207 | | CCSRCH820J50 |
| C 210 | | CKSQYF223Z25 |
| C 211 | | CEV2R2M50 |
| C 213 | | CCSRCH330J50 |
| C 216 | | CKSQYF473Z25 |
| C 218 | | CEVNP2R2M35 |
| C 220 | | CCSRCH430J50 |
| C 221 231 | | CCSRCH100D50 |
| C 222 | | CSZS010M16 |
| C 223 | | CKSRYF333Z25 |
| C 224 229 | | CEV470M16 |
| C 225 | | CKSQYF333Z25 |
| C 226 | | CKSQYF473Z25 |
| C 227 | | CEV4R7M35 |
| C 228 | | CKSQYB103K50 |
| C 230 | | CEV220M6R3 |
| C 232 | | CKSRYB102K50 |
| C 240 | | CKSRYF473Z25 |
| C 242 | | CEV100M16 |

Unit Number :
Unit Name : Display Unit (DEH-880RDS/EW)

MISCELLANEOUS

| | | |
|-------------------------------|----------|-----------|
| IC 901 | | GGF-921 |
| IC 902 | | RS-20 |
| Q 901 | | 2SC3651 |
| D 901 902 903 904 905 | | MA143-MC |
| D 906 | | CL150URCD |
| D 907 | | MA3056M |
| D 910 911 912 913 914 915 916 | | MA110-1A |
| L 901 | Inductor | CTF1006 |
| X 901 | | CSS1083 |
| S 901 902 903 904 | Switch | CSG1041 |
| S 905 906 907 908 | Switch | CSG1041 |
| S 909 910 | Switch | CSG1041 |
| S 911 912 913 914 | Switch | CSG1041 |
| S 915 916 917 918 | Switch | CSG1041 |
| S 919 920 | | CSG1041 |

| ====Circuit Symbol & No. Part | Name===== | Part No. |
|-------------------------------|-------------------|----------|
| S 921 922 | Switch | CSG1041 |
| IL 901 902 909 910 911 912 | 913 Lamp 14V 40mA | CEL-147 |
| IL 903 904 905 906 907 908 | Lamp 14V 40mA | CEL1013 |
| | LCD | CAW1140 |

RESISTORS

| | | |
|---|--|-------------|
| R 901 902 903 904 905 | | RS1/8S102J |
| R 906 | | RS1/8S162J |
| R 907 | | RS1/10S121J |
| R 908 909 910 911 912 913 914 915 916 917 | | RS1/10S471J |
| R 918 | | RS1/10S102J |
| R 919 | | RS1/10S221J |
| R 922 | | RS1/10S222J |

CAPACITORS

| | | |
|-----------|--|--------------|
| C 901 | | CEV470M6R3 |
| C 903 904 | | CCSQCH102J50 |
| C 905 | | CCSQCH102J50 |
| C 906 | | CKSQYB103K50 |

Unit Number :
Unit Name : Tuner Amp Unit (DEH-880RDS/EW)

MISCELLANEOUS

| | | |
|-------------------------------|--|--------------|
| IC 501 | | GGF-919 |
| IC 502 | | LH5116HN-10T |
| IC 503 708 852 853 952 | | RC4558M |
| IC 504 | | CWV1020 |
| IC 552 | | HA13139 |
| IC 704 | | PMJ001A |
| IC 751 | | PD4348C |
| IC 753 | | M51955AFP |
| IC 951 | | PA2019A |
| Q 501 504 753 757 758 959 971 | | UN221 1 |
| Q 502 | | 2SC3098 |
| Q 505 | | 2SC3295 |
| Q 506 | | UN221 1 |
| Q 507 517 523 529 | | 2SC2712 |
| Q 511 512 513 514 | | 2SD1048 |
| Q 515 531 756 951 954 970 983 | | UN221 1 |
| Q 516 | | 2SA1298 |
| Q 518 | | UN221 1 |
| Q 519 520 | | 2SK208 |
| Q 521 | | 2SJ163 |
| Q 522 851 | | 2SA1162 |
| Q 524 | | DTC124EK |
| Q 525 | | 2SC712 |
| Q 526 | | DTA124EK |
| Q 527 | | DTC124EK |
| Q 528 | | DTC123TK |
| Q 530 755 969 | | UN211 1 |
| Q 532 | | 2SA1162 |
| Q 751 | | DTC114EK |
| Q 752 | | 2SD1859 |
| Q 759 | | UN211 1 |
| Q 761 | | 2SD101A |
| Q 855 856 | | 2SD781K |
| Q 857 858 | | 2SD781K |
| Q 953 958 972 973 974 975 | | 2SB238 |
| Q 955 | | UN21 D |
| Q 960 | | UN21 1 |
| Q 961 | | UN21 1 |
| Q 968 | | 2SD944 |
| Q 982 | | 2SB238 |
| D 501 958 | | RD47JSB2 |
| D 502 | | RD27ESB2 |
| D 503 | | HZ2F7NB1 |
| D 508 | | MA11 WA-MN |
| D 510 770 967 | | MA11 WK-MT |

| ====Circuit | Symbol & No. | Part | Name===== | Part No. | | | | | | |
|-------------|--------------|------|-----------------------|----------|-----|-----|-----|-----|-----|--------------|
| D 752 | 753 | 754 | 755 | 756 | 757 | 759 | 760 | 766 | 771 | 1SS133 |
| D 767 | | | | | | | | | | HZS7A1L |
| D 772 | 773 | 774 | 775 | 777 | 778 | 951 | | | | 1SS133 |
| D 853 | | | | | | | | | | MA151WA-MN |
| D 952 | | | | | | | | | | RB100AVH |
| D 953 | | | | | | | | | | ERC04-02FE3 |
| D 954 | | | | | | | | | | ERA15-02VH |
| D 955 | | | | | | | | | | ERA15-10VH |
| D 959 | | | | | | | | | | 1SS133 |
| D 964 | | | | | | | | | | HZS9C3L |
| D 965 | | | | | | | | | | MA151WK-MT |
| D 969 | | | | | | | | | | ERA15-02VH |
| L 502 | 504 | 952 | Inductor | | | | | | | LPS1R0K |
| L 503 | | | Inductor | | | | | | | LPS1R0K |
| L 505 | | | Inductor | | | | | | | CTF1006 |
| L 953 | 954 | | Inductor | | | | | | | CTF1006 |
| TC 751 | | | Trimmer | | | | | | | CCL1017 |
| IB 551 | | | | | | | | | | CWW1338 |
| X 501 | | | Crystal Resonator | | | | | | | CSS1011 |
| X 751 | | | Crystal Resonator | | | | | | | CSS1023 |
| VR 502 | | | Semi-fixed 330k Ω (B) | | | | | | | CCP1136 |
| EF 951 | | | Filter | | | | | | | CCG1003 |
| BZ 751 | | | Buzzer | | | | | | | CPV1010 |
| ZN 951 | | | Surge Absorber | | | | | | | ERZ-C07DK220 |
| | | | FM/AM Unit | | | | | | | CWE1238 |

RESISTORS

| | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|--|--|--|-------------|
| R 501 | | | | | | | | | | RS1/10S563J |
| R 502 | 518 | 563 | 745 | 746 | 747 | | | | | RS1/10S472J |
| R 503 | | | | | | | | | | RS1/10S331J |
| R 504 | 506 | | | | | | | | | RS1/10S101J |
| R 505 | | | | | | | | | | RS1/10S182J |
| R 507 | | | | | | | | | | RS1/10S821J |
| R 509 | 513 | 542 | 569 | 817 | 852 | 853 | | | | RS1/10S222J |
| R 510 | | | | | | | | | | RS1/10S222J |
| R 511 | | | | | | | | | | RS1/10S335J |
| R 512 | 519 | 520 | 521 | 532 | 533 | 534 | | | | RS1/10S102J |
| R 514 | 877 | 878 | 890 | 891 | 951 | 952 | | | | RS1/10S223J |
| R 515 | 781 | | | | | | | | | RS1/10S221J |
| R 516 | 517 | 784 | 787 | 790 | | | | | | RS1/10S103J |
| R 522 | 536 | 537 | 789 | 850 | 851 | | | | | RS1/10S222J |
| R 524 | 525 | 970 | | | | | | | | RS1/10S563J |
| R 526 | 527 | | | | | | | | | RS1/10S822J |
| R 528 | 529 | | | | | | | | | RS1/10S222J |
| R 535 | | | | | | | | | | RS1/10S152J |
| R 538 | 544 | 773 | 798 | 799 | 814 | 815 | | | | RS1/10S473J |
| R 539 | | | | | | | | | | RS1/10S474J |
| R 543 | 568 | | | | | | | | | RS1/10S222J |
| R 545 | | | | | | | | | | RS1/10S104J |
| R 546 | | | | | | | | | | RS1/10S102J |
| R 547 | 548 | 560 | 561 | | | | | | | RS1/10S102J |
| R 549 | 550 | | | | | | | | | RS1/10S472J |
| R 551 | | | | | | | | | | RS1/10S334J |
| R 552 | | | | | | | | | | RS1/10S224J |
| R 553 | | | | | | | | | | RS1/10S123J |
| R 554 | | | | | | | | | | RS1/10S334J |
| R 555 | | | | | | | | | | RS1/10S272J |
| R 556 | | | | | | | | | | RS1/10S272J |
| R 557 | | | | | | | | | | RS1/10S393J |
| R 558 | | | | | | | | | | RS1/10S102J |
| R 559 | | | | | | | | | | RS1/10S102J |
| R 562 | | | | | | | | | | RS1/10S224J |
| R 570 | | | | | | | | | | RS1/10S821J |
| R 585 | 586 | | | | | | | | | RS1/10S561J |
| R 591 | 592 | | | | | | | | | RS1/10S472J |
| R 593 | 594 | 595 | 596 | | | | | | | RS1/10S0R0J |
| R 597 | 598 | 601 | 602 | | | | | | | RS1/10S2R2J |

| ====Circuit | Symbol & No. | Part | Name===== | Part No. |
|-------------|--------------|------|-----------------------------|--------------|
| R 599 | 996 | | | RS1/10S472J |
| R 607 | | | | RS1/10S471J |
| R 608 | | | | RS1/10S220J |
| R 609 | | | | RD1/4PS2R2J |
| R 701 | 702 | | | RS1/10S133J |
| R 703 | 704 | | | RS1/10S153J |
| R 709 | 710 | | | RS1/10S113J |
| R 740 | | | | RS1/10S152J |
| R 741 | | | | RS1/10S151J |
| R 742 | | | | RS1/10S151J |
| R 743 | | | | RS1/10S272J |
| R 744 | | | | RS1/10S272J |
| R 748 | | | | RS1/10S103J |
| R 759 | | | | RS1/10S683J |
| R 760 | 761 | 764 | 838 | RS1/10S473J |
| R 769 | 770 | 772 | 774 | RS1/10S682J |
| R 771 | 782 | 783 | | RS1/10S103J |
| R 775 | 776 | 777 | 778 779 | RS1/10S221J |
| R 780 | | | | RD1/4PS102JL |
| R 785 | 786 | | | RS1/10S332J |
| R 788 | | | | RD1/4PS362JL |
| R 796 | | | | RS1/10S100J |
| R 803 | 899 | | | RS1/10S0R0J |
| R 805 | | | | RS1/10S104J |
| R 806 | 807 | | | RS1/10S473J |
| R 808 | | | | RS1/10S473J |
| R 809 | | | | RS1/10S0R0J |
| R 810 | | | | RS1/10S473J |
| R 825 | 875 | 876 | 888 889 | RS1/10S102J |
| R 837 | | | | RS1/10S563J |
| R 841 | 842 | 969 | | RS1/10S102J |
| R 854 | 956 | 994 | | RS1/10S472J |
| R 869 | 870 | 882 | 883 | RS1/10S182J |
| R 873 | 874 | 886 | 887 964 | RS1/10S472J |
| R 953 | | | | RS1/10S752J |
| R 957 | 965 | 972 | 974 976 978 | RD1/4PS332JL |
| R 959 | | | | RS1/10S102J |
| R 973 | 975 | 977 | 981 | RS1/10S332J |
| R 979 | | | | RS1/10S103J |
| R 990 | | | | RD1/4PS471JL |
| R 991 | | | | RD1/4PS221JL |
| R 993 | | | | RS1/10S392J |
| R 997 | | | | RS1/10S560J |
| R 998 | | | | RS1/10S100J |
| R 999 | | | | RD1/4PS152JL |
| CAPACITORS | | | | |
| C 501 | | | | CEA470M6R3LL |
| C 502 | | | | CEA101M16LL |
| C 503 | 504 | 544 | | CKSQYB102K50 |
| C 505 | 506 | | | CEA4R7M50L |
| C 507 | 508 | | | CCSQCH101J50 |
| C 509 | 510 | 511 | 512 513 519 527 540 560 753 | CKSQYB103K50 |
| C 514 | | | | CEAR47M50L |
| C 515 | 956 | | | CKSQYB103K50 |
| C 516 | 517 | 529 | 530 541 951 957 975 | CKSQYB473K25 |
| C 518 | 538 | 539 | | CEA4R7M50L |
| C 520 | 761 | | | CEA470M25L |
| C 528 | | | | CKSQYB223K50 |
| C 531 | | | | CEAR22M50L |
| C 532 | | | | CKSYB224K25 |
| C 533 | 534 | | | CCSQCH100J50 |
| C 535 | | | | CKSQYB102K50 |
| C 536 | | | | CKSQYB683K25 |
| C 537 | | | | CKSYB224K25 |
| C 542 | | | | CEA221M6R3LL |
| C 543 | | | | CCSQCH681J50 |

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| ====Circuit Symbol & No. Part | Name===== | Part No. |
|-------------------------------|-----------------|--------------|
| R 654 | | RS1/16S162J |
| R 655 | | RS1/16S752J |
| R 656 | | RS1/16S362J |
| R 657 | | RS1/16S162J |
| R 658 | | RS1/16S102J |
| R 663 | | RS1/10S181J |
| R 664 753 755 | | RS1/16S103J |
| R 669 703 797 | | RS1/16S103J |
| R 670 | | RS1/10S151J |
| R 675 | | RS1/16S913J |
| R 676 | | RS1/16S913J |
| R 677 681 | | RS1/16S0R0J |
| R 679 | | RS1/16S102J |
| R 680 | | RS1/16S0R0J |
| R 683 | | RS1/16S0R0J |
| R 684 | | RS1/16S102J |
| R 707 708 | | RS1/16S223J |
| R 715 | | RS1/16S0R0J |
| R 717 | | RS1/16S301J |
| R 719 789 | | RS1/16S0R0J |
| R 721 | | RS1/16S472J |
| R 722 | | RS1/16S162J |
| R 724 | | RS1/10S1R0J |
| R 725 | | RS1/16S472J |
| R 751 | | RS1/10S1R0J |
| R 754 776 | | RS1/16S472J |
| R 756 771 772 773 | | RS1/16S222J |
| R 765 793 | | RS1/16S102J |
| R 766 | | RS1/16S473J |
| R 767 768 769 770 | | RS1/16S104J |
| R 774 | | RS1/16S102J |
| R 775 | | RS1/16S104J |
| R 778 | | RS1/16S103J |
| R 780 | | RS1/16S104J |
| R 781 782 | | RS1/16S362J |
| R 783 784 785 786 787 | | RS1/16S681J |
| R 788 | | RS1/16S102J |
| R 791 792 | | RS1/16S391J |
| R 794 | | RS1/16S151J |
| R 799 | | RS1/10S1R5J |
| CAPACITORS | | |
| C 351 | | CEV470M16 |
| C 352 | | CKSQYB104K25 |
| C 353 709 | | CEV101M6R3 |
| C 354 355 | | CSZSR4R7M10 |
| C 357 359 366 | | CKSRYB102K50 |
| C 358 | | CKSRYB331K50 |
| C 360 | | CKSRYB271K50 |
| C 361 | | CCSRCH220J50 |
| C 367 | | CKSYB154K25 |
| C 368 | | CKSQYB104K25 |
| C 369 373 604 606 703 704 | | CKSYB224K25 |
| C 370 | | CKSQYB473K50 |
| C 601 | | CKSRYB222K50 |
| C 602 | | CKSRYB222K50 |
| C 603 | | CKSRYB331K50 |
| C 605 | | CKSYB103K25 |
| C 607 654 759 760 | | CKSYB224K25 |
| C 608 | | CSZS010M16 |
| C 609 610 761 | | CEV100M16 |
| C 611 701 707 710 | | CKSRYB103K25 |
| C 651 702 708 | | CEV101M6R3 |
| C 652 | | CKSYB224K25 |
| C 655 668 | | CKSRYB391K50 |
| C 658 | 470 μ F/10V | CCH1120 |
| C 662 665 | | CEV101M10 |

| ====Circuit Symbol & No. Part | Name===== | Part No. |
|--|-----------------------|--------------|
| C 666 | | CKSQYB102K50 |
| C 670 | | CKSQYB273K50 |
| C 671 | | CKSRYB103K25 |
| C 672 | | CKSQYB473K25 |
| C 705 706 | | CCSRCH090D50 |
| C 712 | | CEV470M6R3 |
| C 713 714 | | CKSRYB561K50 |
| C 715 | | CCSRCH100D50 |
| C 716 | | CEV100M16 |
| C 722 723 | | CEV4R7M35 |
| C 724 | | CCSRCH151J50 |
| C 726 | | CCSRCH100D50 |
| C 727 728 | | CKSRYB103K25 |
| C 751 752 | | CCSRCH221J50 |
| C 753 754 755 | | CCSRCH221J50 |
| C 756 | | CKSRYB472K50 |
| Unit Number : | | |
| Unit Name : Switch P.C.Board | | |
| D 1 2 3 4 | | BR4361F |
| M 1 | Motor (Spindle) | CXM1058 |
| M 2 | Motor Unit (Carriage) | CXA4649 |
| M 3 | Motor Unit (Loading) | CXA4267 |
| S 1 2 | Switch (Home,Clamp) | CSN1012 |
| Unit Number : | | |
| Unit Name : Detector P.C.Board | | |
| P 1 2 3 4 | Photo Transistor | PT4800 |
| MiscellaneousParts List | | |
| Fuse 10A(DEH-890/EW, DEH-880/UC) | | CEK1136 |
| PU Unit | | CGY1020 |
| Unit Number : | | |
| Unit Name : Logic Unit (DEH-880RDS/EW) | | |
| IC 1 | | UPD4538BG |
| Q 1 | | UN2111 |
| D 1 | | MA151WK-MT |
| D 2 | | MA151K-MH |
| R 1 | | RS1/10473J |
| C 1 | | CSZS010M16 |
| C 2 | | CKSQYB103K50 |

Note:

- The DEH-890/EW and DEH-880/UC Parts Lists enumerate the parts which differ from those enumerated in the DEH-880RDS/EW Parts List only. The parts other than those enumerated in the former are identical with those in the latter, to which you are requested to refer, accordingly.

FM/AM Unit(The DEH-880RDS/EW Parts List is given on page 2 and 3)

| | DEH-880RDS/EW | DEH-890/EW | DEH-880/UC |
|--------------|---------------|--------------|--------------|
| FM/AM Unit | CWE1238 | CWE1239 | CWE1240 |
| Q51 | DTA114TU | DTA114TU | ..... |
| D51 | MA143-MC | MA143-MC | ..... |
| CF52, 53 | CTF1193 | CTF1247 | CTF1247 |
| R58 | RS1/16S563J | RS1/16S563J | RS1/16S473J |
| R60 | RS1/16S473J | RS1/16S473J | ..... |
| R61 | RS1/16S332J | RS1/16S332J | ..... |
| R65 | RS1/16S273J | RS1/16S273J | ..... |
| R101 | RS1/10S331J | RS1/10S331J | RS1/10S471J |
| R104 | ..... | RS1/16S393J | RS1/16S563J |
| R151, 152 | RS1/16S222J | RS1/16S222J | RS1/16S152J |
| C101 | CKSRYB822K25 | CKSRYB822K25 | CKSRYB392K50 |
| C104 | ..... | CKSRYB103K25 | CKSRYB103K25 |
| C110 | CEVR22M50 | CEVR22M50 | CEV010M50 |
| C112 | CKSYB104K25 | CKSYB104K25 | CSZSR47M20 |
| C151, 152 | CKSRYB273K16 | CKSRYB273K16 | ..... |
| C161, 162 | ..... | ..... | CKSQYB563K25 |
| FM Front End | CWB1064 | CWB1063 | CWB1063 |

Display Unit(The DEH-880RDS/EW Parts List is given on page 3.)

| | DEH-880RDS/EW | DEH-890/EW | DEH-880/UC |
|-----------|---------------|------------|------------|
| IC902 | RS-20 | ..... | RS-20 |
| D910 | MA110-1A | ..... | ..... |
| S905, 915 | CSG1041 | ..... | ..... |
| IL903—908 | CEL1013 | CEL1013 | CEL1025 |
| LCD | CAW1140 | CAW1141 | CAW1141 |
| R907 | RS/10S121J | ..... | RS/10S121J |
| R920 | ..... | RS/10S473J | ..... |
| R922 | RS/10S222J | ..... | RS/10S222J |
| C901 | CEV470M6R3 | ..... | CEV470M6R3 |

Tuner Amp Unit(The DEH-880RDS/EW Parts List is given on page 3,4 and 5.)
MISCELLANEOUS

| | DEH-880RDS/EW | DEH-890/EW | DEH-880/UC |
|---------------------|---------------|-------------|-------------|
| IC501 | GGF-919 | GGF-919 | GGF-927 |
| IC502 | LHG5116HN | ..... | ..... |
| IC504 | CWV1020 | ..... | ..... |
| IC551 | PA3027A | ..... | ..... |
| IC552 | ..... | HA13139 | HA13139 |
| IC853 | RC4558M | ..... | ..... |
| Q506 | UN2211 | UN2211 | ..... |
| Q511, 512, 513, 514 | 2SD1048 | 2SD1781K | 2SD1781K |
| Q518 | UN2211 | ..... | ..... |
| Q521 | 2SJ163 | ..... | ..... |
| Q522 | 2SA1162 | ..... | ..... |
| Q523, 529 | 2SC2712 | ..... | ..... |
| Q524 | DTC124EK | ..... | ..... |
| Q525 | 2SC2712 | ..... | ..... |
| Q526 | DTA124EK | ..... | ..... |
| Q527 | DTC124EK | ..... | ..... |
| Q528 | DTC323TK-H02 | ..... | ..... |
| Q857, 858 | 2SD1781K | ..... | ..... |
| Q960 | UN2111 | ..... | ..... |
| Q961 | UN2211 | ..... | ..... |
| D953 | ERC04-02FE3 | SM-3-02LFEA | SM-3-02LFEA |
| VR502 | CCP1136 | ..... | ..... |
| IB552 | ..... | CWW1338 | CWW1338 |
| FM/AM Unit | CWE1238 | CWE1239 | CWE1240 |

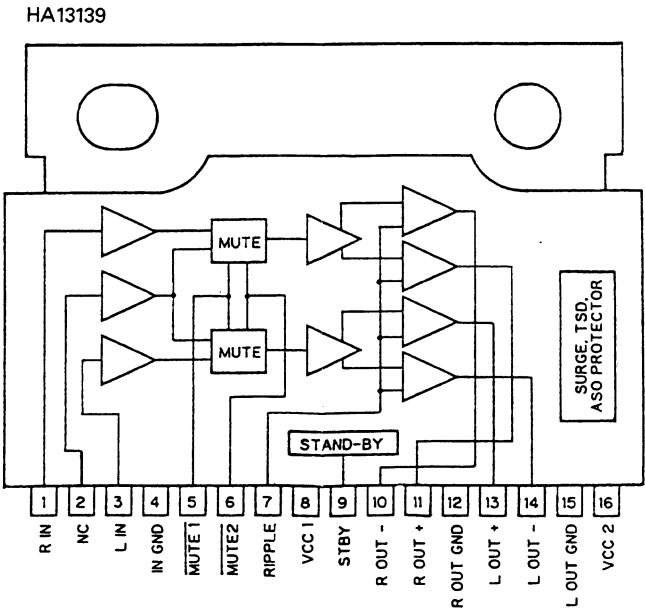
RESISTORS

| | DEH-880RDS/EW | DEH-890/EW | DEH-880/UC |
|---------------------|---------------|-------------|-------------|
| R511 | RS1/10S335J | RS1/10S335J | ..... |
| R537 | RS1/10S222J | ..... | ..... |
| R538 | RS1/10S473J | ..... | ..... |
| R539 | RS1/10S474J | ..... | ..... |
| R551 | RS1/10S334J | ..... | ..... |
| R552 | RS1/10S224J | ..... | ..... |
| R553 | RS1/10S123J | ..... | ..... |
| R554 | RS1/10S334J | ..... | ..... |
| R555, 556 | RS1/10S272J | ..... | ..... |
| R557 | RS1/10S393J | ..... | ..... |
| R559, 888, 889 | RS1/10S102J | ..... | ..... |
| R575 | ..... | RS1/10SOR0J | RS1/10SOR0J |
| R585, 586 | RS1/10S561J | RS1/10SOR0J | RS1/10SOR0J |
| R589, 590 | ..... | RS1/10S472J | RS1/10S472J |
| R593, 594, 595, 596 | RS1/10SOR0J | ..... | ..... |
| R603, 604, 605, 606 | ..... | RS1/10S2R2J | RS1/10S2R2J |
| R607 | RS1/10S471J | ..... | ..... |
| R608 | RS1/10S220J | ..... | ..... |
| R610 | ..... | RD1/8S2R2J | RD1/8S2R2J |
| R799 | RS1/10S473J | RS1/10S473J | ..... |
| R800, 898 | ..... | RS1/10S473J | ..... |
| R802 | ..... | ..... | RS1/10SOR0J |
| R803, 899 | RS1/10SOR0J | ..... | RS1/10SOR0J |
| R852, 853 | RS1/10S222J | ..... | ..... |
| R882, 883 | RS1/10S182J | ..... | ..... |
| R886, 887 | RS1/10S472J | ..... | ..... |
| R890, 891 | RS1/10S223J | ..... | ..... |

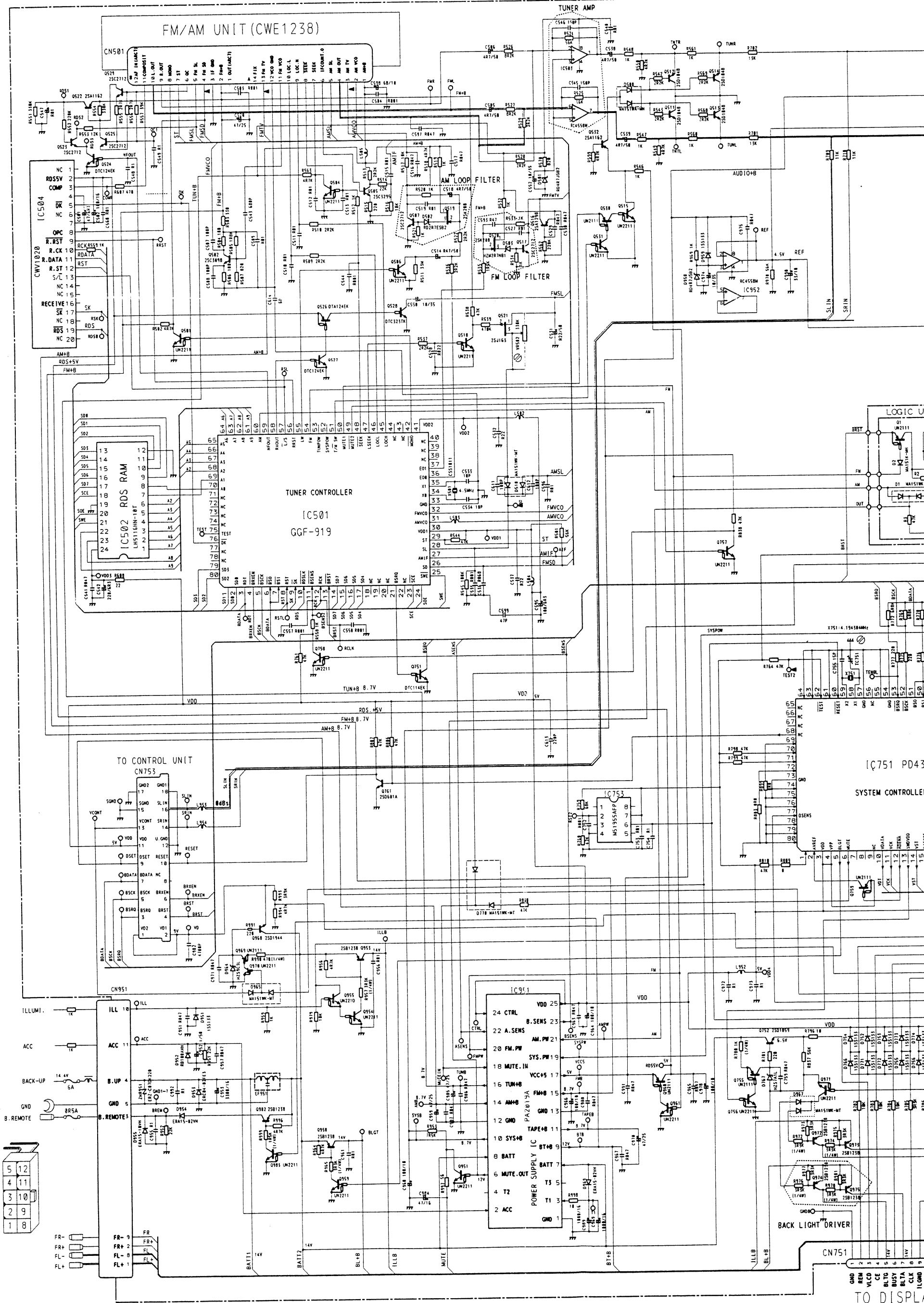
CAPACITORS

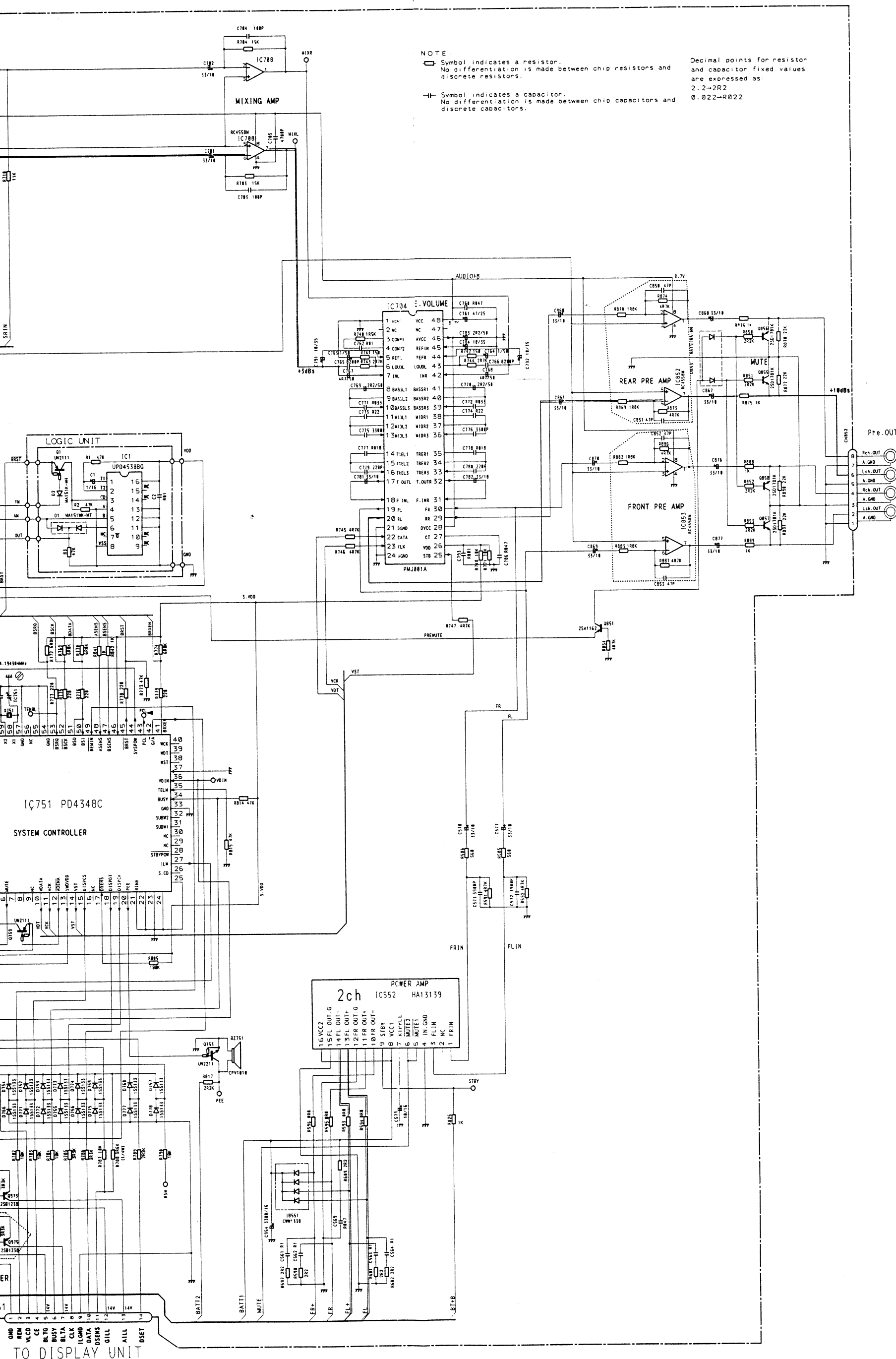
| | DEH-880RDS/EW | DEH-890/EW | DEH-880/UC |
|---------------------|---------------|--------------|--------------|
| C501 | CEA470M6R3LL | ..... | ..... |
| C502 | CEA101M16LL | ..... | ..... |
| C514 | CEAR47M50LL | CEAR47M50LL | ..... |
| C528 | CKSQYB223K50 | ..... | ..... |
| C541, 965 | CKSQYB473K25 | ..... | ..... |
| C542 | CEA221M6R3LL | ..... | ..... |
| C547 | CKSQYB103K50 | CKSYB104K50 | CKSYB104K50 |
| C548 | CKSYB104K25 | ..... | ..... |
| C549 | CKSYB104K25 | ..... | ..... |
| C550 | CEA100M35LL | ..... | ..... |
| C565, 566, 567, 568 | ..... | CKSYB104K25 | CKSYB104K25 |
| C569 | CKSYB473K50 | CKSYB104K50 | CKSYB104K50 |
| C571, 572 | CKSQYB392K50 | CKSQYB102K50 | CKSQYB102K50 |
| C573 | CEHAS100M16 | CEHAQ100M50 | CEHAQ100M50 |
| C575, 576 | ..... | CKSQYB102K50 | CKSQYB102K50 |
| C579, 580 | ..... | CEA330M10LL | CEA330M10LL |
| C852, 853 | CCSQCH470J50 | ..... | ..... |
| C869, 870, 876, 877 | CEA330M10LL | ..... | ..... |
| C978 | CEHAQ101M10 | ..... | ..... |
| C992 | CKSYB104K50 | ..... | ..... |

• ICs



● Tuner Amp Unit (DEH-880RDS/EW)





A

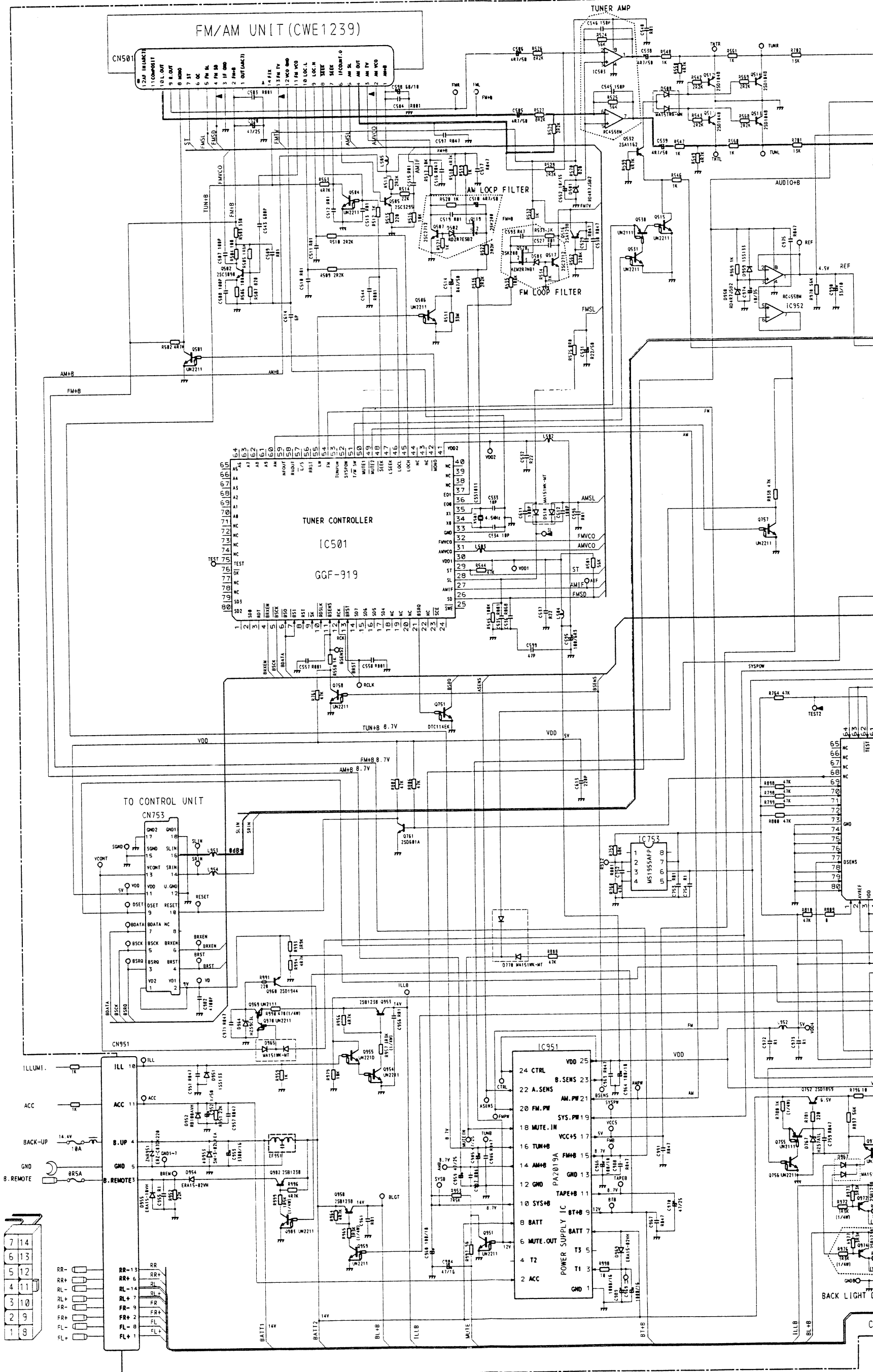
B

C

D

E

F



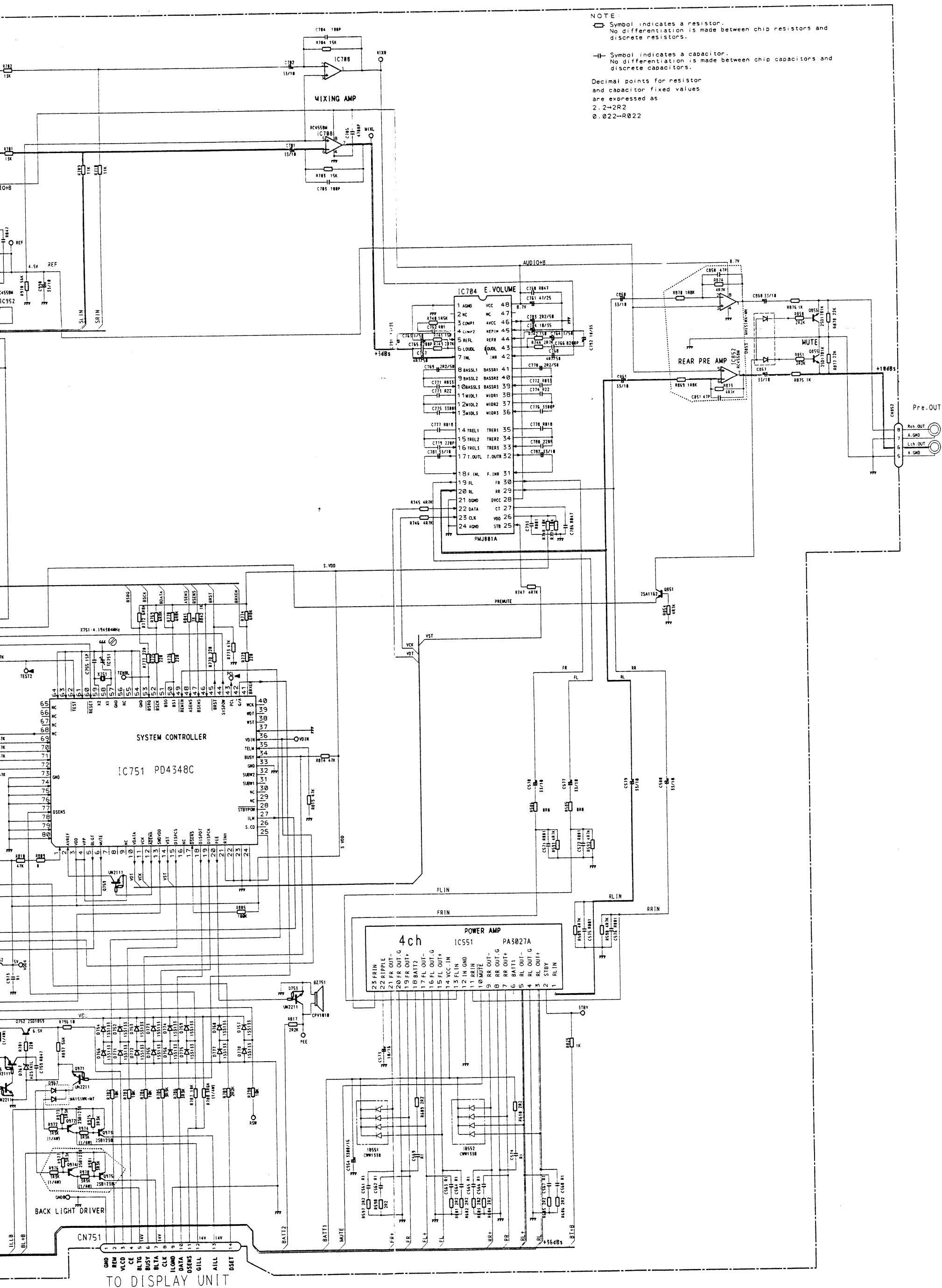


Fig. 3

- Tuner Amp Unit (DEH-890/EW)

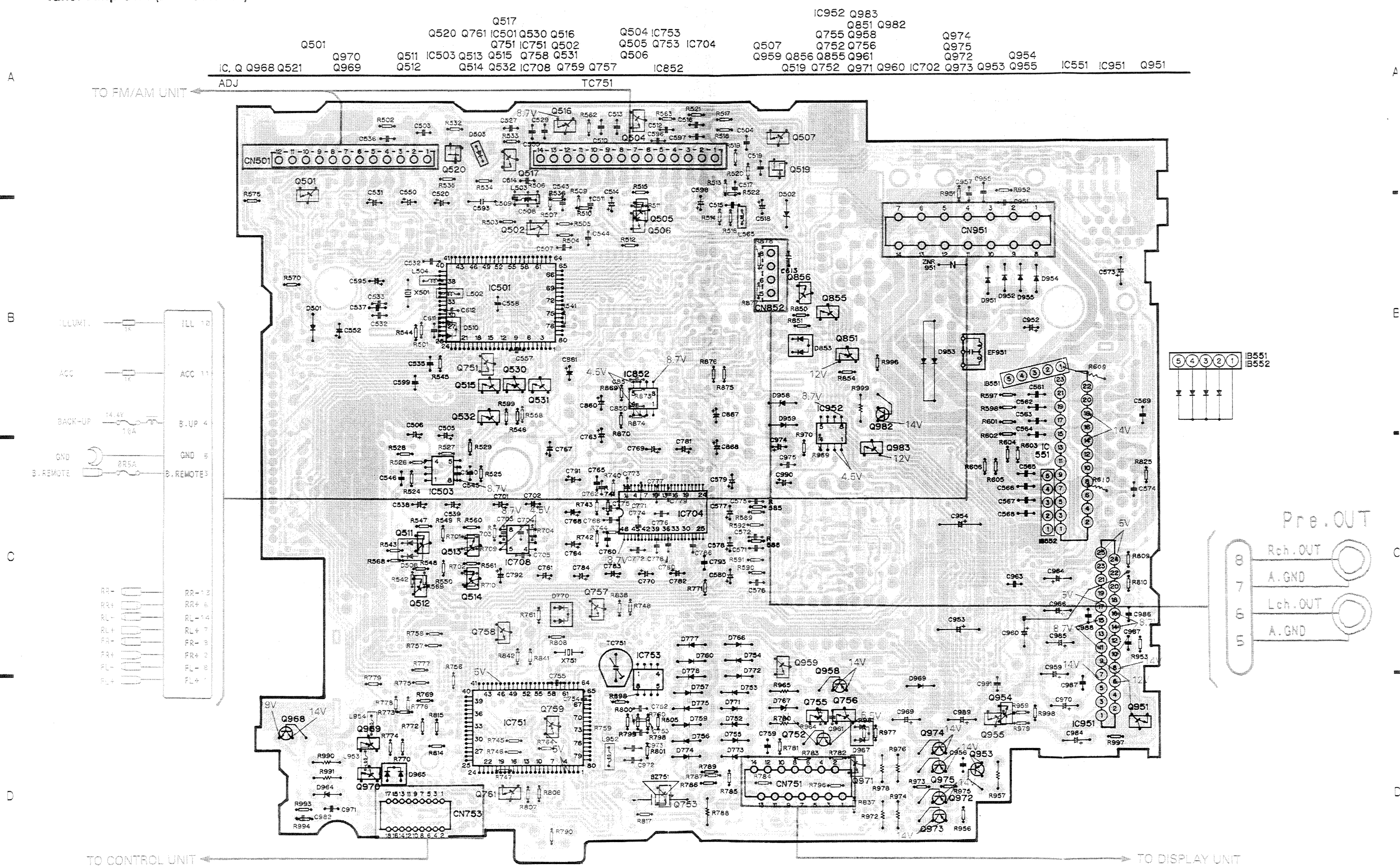


Fig. 4

2.3 TUNER AMP UNIT (DEH-880/UC)

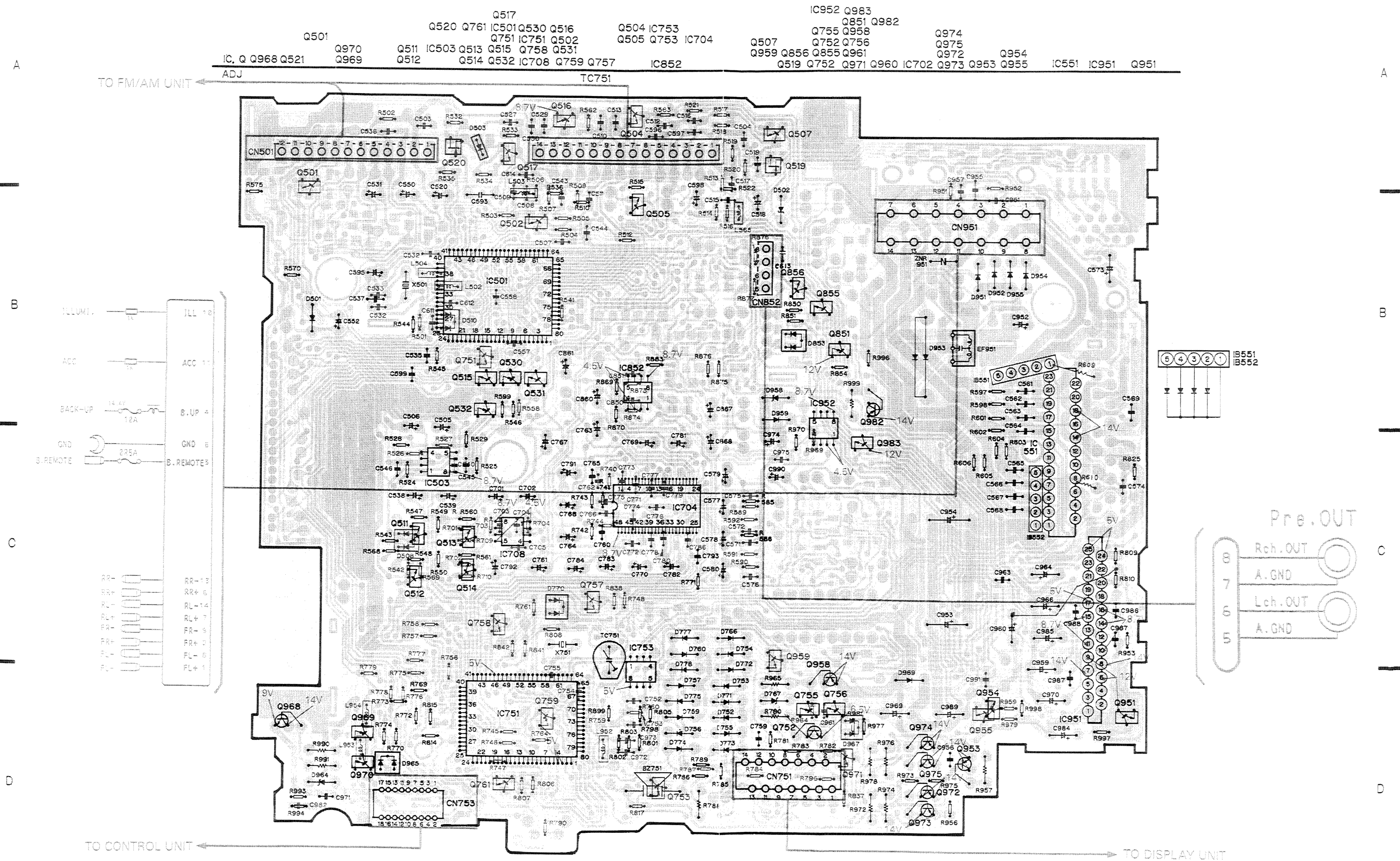
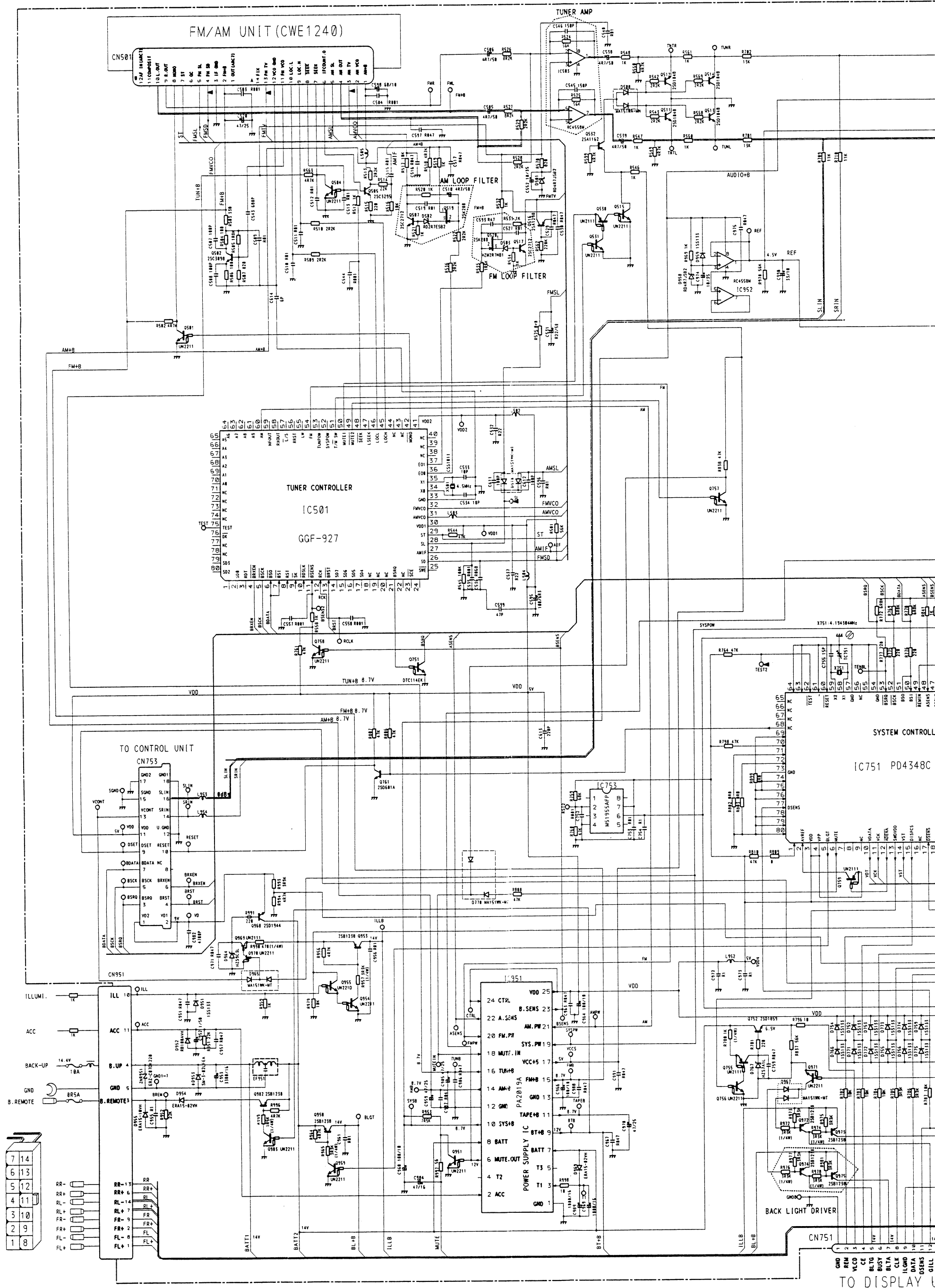


Fig. 5

- **Tuner Amp Unit (DEH-380/UC)**



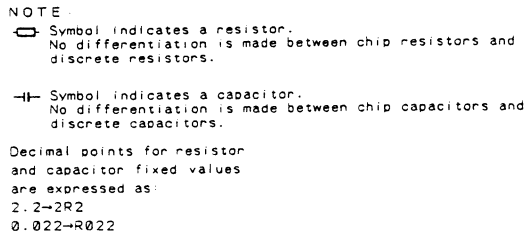


Fig. 6

2.5 FM/AM UNIT (DEH-890/EW)

A

NOTE:

□ Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.

⊢ Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as
2.2→2R2
0.022→R022

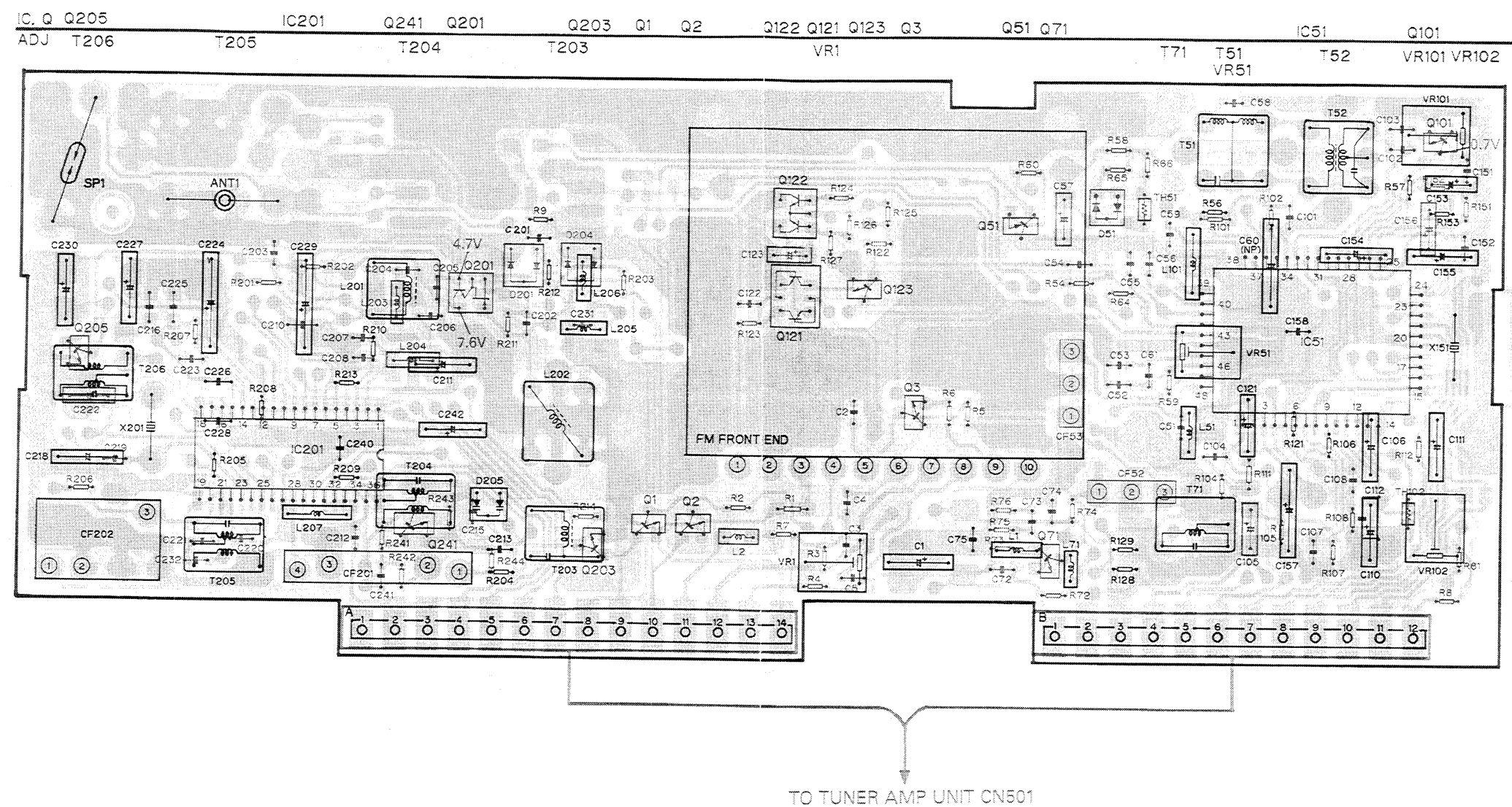
B

C

D

Fig. 9

29



IC51

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------|------|------|------|------|------|------|------|------|------|
| 3.4V | 0.8V | 0.2V | 0.3V | 0V | 3.5V | 0V | 8.4V | 3.5V | 4.8V |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1.5V | 2.9V | 0V | 5.6V | 8.4V | 4.3V | 4.3V | 4.5V | 0V | 5.0V |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 4.2V | 4.2V | 4.2V | 4.5V | 2.6V | 2.6V | 4.4V | 0.7V | 4.3V | 4.3V |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 0V | 8.4V | 4.3V | 0V | 4.3V | 2.9V | 4.3V | 4.3V | 4.3V | 4.1V |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | | |
| 5.0V | 5.0V | | 0V | 2.2V | 2.2V | 2.2V | 0.4V | | |

IC201

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|------|------|------|------|------|------|------|------|------|------|----|----|
| | 3.4V | 3.4V | | 4.7V | | 6.9V | 4.7V | | | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 2.3V | 2.3V | 5.5V | 3.6V | | | 3.6V | 4.6V | 4.0V | 5.3V | | |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| 8.2V | 8.2V | | 3.3V | 0V | 8.2V | 8.2V | | 5.4V | 2.7V | | |

Fig. 10

3. CHASSIS EXPLODED VIEW

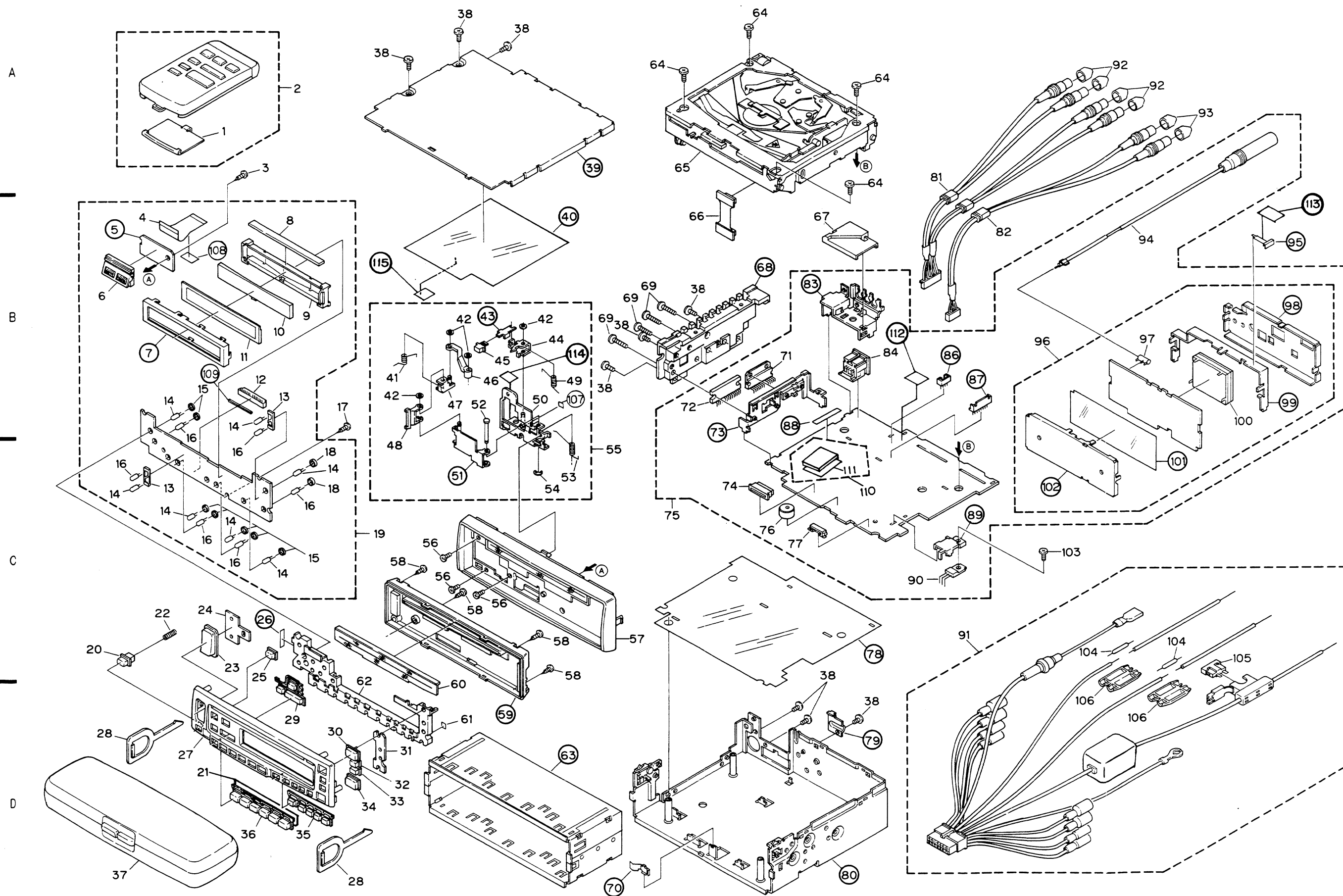


Fig. 11

NOTE:

- The parts marked with "●" may need long time to supply and their supply is subject to refuse as the case may be.
- Because the parts with encircled number shown on the dismantling drawing are not spare parts, we are unable to supply them in principle.

●Parts List(DEH-880RDS/EW)

| Mark No. | Description | Part No. | Mark No. | Description | Part No. |
|----------|-----------------|--------------|----------|---------------------|--------------|
| 1 | ..... |  | 36 | Button(1-6) | CAC3092 |
| 2 | ..... |  | 37 | Case | CNS2269 |
| 3 | Screw | BPZ20P060FMC | 38 | Screw | BMZ30P050FMC |
| 4 | P. C. Board | CNP2647 | 39 | Case | CNB1458 |
| 5 | P. C. Board | | 40 | Insulator | CNM3193 |
| 6 | Socket | CKS2087 | 41 | Spring | CBH1404 |
| 7 | Holder | CNC3716 | 42 | Washer | WT22D050D050 |
| 8 | Connector | CNV2751 | 43 | Lever | CNC3712 |
| 9 | Holder | CNV2749 | 44 | Arm | CNC3711 |
| 10 | Lens | CNV2750 | 45 | Button | CAC2878 |
| 11 | LCD | CAW1140 | 46 | Arm | CNV2743 |
| 12 | Plug | CKS2360 | 47 | Arm Unit | CXA4445 |
| 13 | Holder | CNV2752 | 48 | Arm | CNV2745 |
| 14 | Lamp | CEL-147 | 49 | Spring | CBH1405 |
| 15 | Bush | CNV-724 | 50 | Bracket Unit | CXA4053 |
| 16 | Lamp(IL903-908) | CEL1013 | 51 | Holder Unit | CXA4697 |
| 17 | Screw | BPZ20P080FMC | 52 | Shaft | CLA1906 |
| 18 | Spacer | CNM1642 | 53 | Spring | CBH1403 |
| ● 19 | Display Unit | CWX1397 | 54 | Washer | YE15FUC |
| 20 | Button | CAC3152 | 55 | Detach Unit | CXA4444 |
| 21 | Cushion | CNM3363 | 56 | Screw | BMZ20P040FZK |
| 22 | Spring | CBH1407 | 57 | Grille Unit | CXA4055 |
| 23 | Button(VOL) | CAC3093 | 58 | Screw | BPZ20P100FZK |
| 24 | Cushion | CNM3416 | 59 | Cover | CNS2202 |
| 25 | Button(SHIFT) | CAC3146 | 60 | Cover Unit | CXA4483 |
| 26 | Seal | CNM3345 | 61 | Spacer | CNM3264 |
| 27 | Grille Unit | CXA4057 | 62 | Lens | CNV2747 |
| 28 | Handle | CNC1631 | 63 | Holder | CNC1484 |
| 29 | Button | CAC3258 | 64 | Screw | BMZ26P040FMC |
| 30 | Button(EJECT) | CAC3149 | ● 65 | CD Mechanism Module | CXK2510 |
| 31 | Cushion | CNM3362 | 66 | Connector Unit | CXA4720 |
| 32 | Button(TA) | CAC3150 | 67 | Holder | CNV2893 |
| 33 | Button(AF) | CAC3151 | 68 | Heat Sink | CNR1202 |
| 34 | Button(SOURCE) | CAC3095 | 69 | Screw | BMZ30P140FMC |
| 35 | Button | CAC3148 | 70 | Earth Plate | CNC4259 |

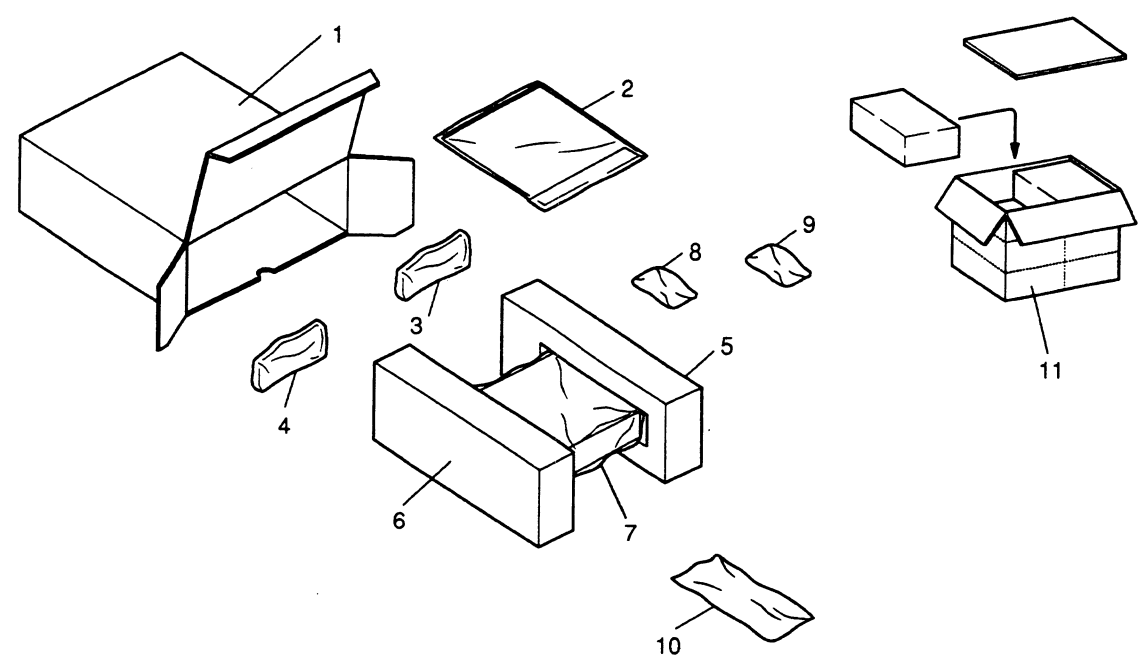
| Mark No. | Description | Part No. | Mark No. | Description | Part No. |
|----------|------------------|----------|----------|--------------|--------------|
| 71 | IC | HA13139 | 96 | FM/AM Unit | CWE1238 |
| 72 | IC(IC951) | PA2019A | 97 | Antenna Jack | CKX1010 |
| 73 | Holder | CNC3708 | 98 | Case | CNB1413 |
| 74 | Connector | CKS1534 | 99 | Holder | CNC3506 |
| ● 75 | Tuner Amp Unit | CWX1404 | 100 | FM Front End | CWB1064 |
| 76 | Buzzer(BZ751) | CPV1010 | 101 | Insulator | CNM2891 |
| 77 | Connector | CKS2149 | 102 | Case | CNB1414 |
| 78 | Insulator | CNM3022 | 103 | Screw | PMS20P060FMC |
| 79 | Holder | CNC3850 | 104 | Resistor | RS1/2P102JL |
| 80 | Chassis Unit | CXA4052 | 105 | ..... |  |
| 81 | Cord | CDE3475 | 106 | Cap | CNS1472 |
| 82 | ..... |  | 107 | Spacer | CNM3391 |
| 83 | Bracket | CNC4342 | 108 | Plate | CNM3367 |
| 84 | ..... |  | 109 | Spacer | CNM3379 |
| 85 | Connector | CKM1090 | ● 110 | Logic Unit | CWX1480 |
| 86 | ..... |  | 111 | Spacer | CNM3395 |
| 87 | Plug | CKS1228 | 112 | Spacer | CNM3392 |
| 88 | ..... |  | 113 | Spacer | CNM3396 |
| 89 | Holder | CNC3849 | 114 | Spacer | CNM3394 |
| 90 | Transistor(Q968) | 2SD1944 | 115 | Spacer | CNM3415 |
| 91 | Cord | CDE3269 | | | |
| 92 | Cap | CNW-829 | | | |
| 93 | ..... |  |  |  |  |
| 94 | Antenna Cable | CDH1129 | | | |
| 95 | Earth Plate | CNC4147 | | | |

Note:

- The DEH-890/EW and DEH-880/UC Parts Lists enumerate the parts which differ from those enumerated in the DEH-880RDS/EW Parts List only. The parts other than those enumerated in the former are identical with those in the latter, to which you are requested to refer, accordingly.
The DEH-880RDS/EW Parts List is given on page 34 and 35.

| | DEH-880RDS/EW | DEH-890/EW | DEH-880/UC |
|-----------------------|---------------|------------|------------|
| Mark No. Description | Part No. | Part No. | Part No. |
| 1 Battery Cover | ..... | ..... | CNS2197 |
| 2 Remote Control Assy | ..... | ..... | CXA4560 |
| 11 LCD | CAW1140 | CAW1141 | CAW1141 |
| 16 Lamp(IL903-908) | CEL1013 | CEL1013 | CEL1025 |
| ● 19 Display Unit | CWX1397 | CWX1399 | CWX1398 |
| 27 Grille Unit | CXA4057 | CXA4257 | CXA4256 |
| 32 Button(TA) | CAC3150 | ..... | ..... |
| 33 Button(AF) | CAC3151 | ..... | ..... |
| 39 Case | CNB1458 | CNB1457 | CNB1457 |
| 68 Heat Sink | CNR1202 | CNR1245 | CNR1245 |
| 71 IC | HA13139 | PA3027A | PA3027A |
| 73 Holder | CNC3708 | CNC3707 | CNC3707 |
| ● 75 Tuner Amp Unit | CWX1404 | CWX1406 | CWX1405 |
| 78 Insulator | CNM3022 | CNM3406 | CNM3406 |
| 80 Chassis Unit | CXA4052 | CXA4676 | CXA4676 |
| 81 Cord | CDE3475 | ..... | ..... |
| 82 Cord | ..... | CDE3476 | CDE3548 |
| 83 Bracket | CNC4342 | CNC4343 | CNC4343 |
| 85 Connector | CKM1090 | CKM1091 | CKM1091 |
| 86 Plug | ..... | CKS1224 | CKS1224 |
| 87 Plug | CKS1228 | ..... | ..... |
| 88 Spacer | ..... | CNM3343 | CNM3343 |
| 91 Cord | CDE3269 | CDE3479 | CDE3677 |
| 92 Cap | CNW-829 | ..... | ..... |
| 93 Cap | ..... | CNW-829 | CNW-829 |
| 96 FM/AM Unit | CWE1238 | CWE1239 | CWE1240 |
| 98 Case | CNB1413 | ..... | ..... |
| 100 FM Front End | CWB1064 | CWB1063 | CWB1063 |
| 101 Insulator | CNM2891 | ..... | ..... |
| 102 Case | CNB1414 | ..... | ..... |
| 105 Fuse(10A) | ..... | CEK1136 | CEK1136 |
| ● 110 Logic Unit | CWX1480 | ..... | ..... |
| 111 Spacer | CNM3395 | ..... | ..... |

4. PACKING METHOD



| 10 | Accessory Assy | CEA1692 |
|----------|------------------|----------|
| Mark No. | Description | Part No. |
| * 10-1 | Screw Assy | CEA1105 |
| 10-1-1 | Screw(×1) | CBA-102 |
| 10-1-2 | Screw(×1) | CBA1002 |
| 10-1-3 | Nut(×2) | NF50FMC |
| *10-1-4 | Polyethylene Bag | CEG-127 |
| 10-2 | Handle(×2) | CNC1631 |
| 10-3 | Strap | CNF-111 |
| 10-4 | Bush | CNV1917 |
| * 10-5 | Polyethylene Bag | CEG-158 |

2-1,2-2 Owner's Manual

| Part No. | Model | Language |
|----------|---------------|---|
| CRD1521 | DEH-880RDS/EW | English, French, German, Spanish |
| CRD1522 | DEH-880RDS/EW | Swedish, Norwegian, Dutch, Italian, Finnish |
| CRD1537 | DEH-890/EW | English, French, Spanish |
| CRD1538 | DEH-890/EW | Dutch, Swedish, Norwegian, Finnish |
| CRD1519 | DEH-880/UC | English, French |

Fig. 12

※:Non spare part

| Mark No. | Description | DEH-880RDS/EW | DEH-890/EW | DEH-880/UC |
|----------|---------------------|---------------|------------|------------|
| | | Part No. | Part No. | Part No. |
| 1 | Carton | CHG2163 | CHG2162 | CHG2166 |
| 2-1 | Owner's Manual | CRD1521 | CRD1537 | CRD1519 |
| 2-2 | Owner's Manual | CRD1522 | CRD1538 | ..... |
| * 2-3 | Card | CRY-062 | CRY-062 | ARY1048 |
| * 2-4 | Caution Card | CRN1007 | ..... | ..... |
| * 2-5 | Passport | CRY1013 | ..... | ..... |
| 2-6 | Polyethylene Bag | E36-618 | E36-618 | E36-618 |
| 3 | Cord | CDE3269 | CDE3479 | CDE3677 |
| 4 | Case | CNS2269 | CNS2269 | CNS2269 |
| 5 | Styrofoam | CHP1463 | CHP1463 | CHP1463 |
| 6 | Styrofoam | CHP1462 | CHP1462 | CHP1462 |
| 7 | Cover | CEG1092 | CEG1092 | CEG1092 |
| 8 | Remote Control Assy | ..... | ..... | CXA4560 |
| * 9-1 | Battery | ..... | ..... | CEX1006 |
| 9-2 | Fastener(Rough) | ..... | ..... | CNM3249 |
| 9-3 | Fastener(Soft) | ..... | ..... | CNM3250 |
| * 9-4 | Polyethylene Bag | ..... | ..... | CEG-127 |
| 10 | Accessory Assy | CEA1692 | CEA1692 | CEA1692 |
| 11 | Contain Box | *CHL2163 | *CHL2162 | CHL2166 |